

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS ✓
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **SHADER PIXEL STORAGE IN A GRAPHICS MEMORY** the specification of which is attached hereto.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.



POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

J. Matthew Zigmant, Reg. No. 44,005
Babak Sami, Reg. No. 37,495
and all other practitioners at customer number 20350
Stephen H. Pettigrew, Reg. No. 35,978
Richard B. Domingo, Reg. No. 38,784
Paul Carmichael, Reg. No. 18,679
Joseph A. Vo, Reg. No. 43,971

Send Correspondence to: J. Matthew Zigmant TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834	Direct Telephone Calls to: (Name, Reg. No., Telephone No.) Name: J. Matthew Zigmant Reg. No.: 44,005 Telephone: 650-326-2400
---	---

Full Name of Inventor 1:	Last Name: BASTOS	First Name: RUI	Middle Name or Initial: M.
Residence & Citizenship:	City: Santa Clara	State/Foreign Country: California	Country of Citizenship: Portugal
Post Office Address:	Post Office Address: 2250 Monroe Street, #235	City: Santa Clara	State/Country: California Post Office Address: 95050
Full Name of Inventor 2:	Last Name: Donovan	First Name: Walter	Middle Name or Initial: E.
Residence & Citizenship:	City: Saratoga	State/Foreign Country: California	Country of Citizenship: United States
Post Office Address:	Post Office Address: 14228 Sobe Road	City: Saratoga	State/Country: California Postal Code: 95070

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1  Rui M. Bastos Date 12.23.2003	Signature of Inventor 2  Walter E. Donovan Date
---	--

Attorney Docket No.: 019680-005500US

Client Reference No.: P000866

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **SHADER PIXEL STORAGE IN A GRAPHICS MEMORY** the specification of which is attached hereto.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.


POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

J. Matthew Zigmant, Reg. No. 44,005
 Babak Sani, Reg. No. 37,495
 and all other practitioners at customer number 20350
 Stephen H. Pettigrew, Reg. No. 35,978
 Richard B. Domingo, Reg. No. 36,784
 Paul Carmichael, Reg. No. 18,679
 Joseph A. Vo, Reg. No. 43,971

Send Correspondence to: J. Matthew Zigmant TOWNSEND and TOWNSEND and CREW LLP Tw Embarcadero Center, 8th Floor San Francisco, California 94111-3834	Direct Telephone Calls to: (Name, Reg. No., Telephone No.) Name: J. Matthew Zigmant Reg. No.: 44,005 Telephone: 650-326-2400
--	---

Full Name of Inventor 1:	Last Name: BASTOS	First Name: RUI	Middle Name or Initial: M.	
Residence & Citizenship:	City: Santa Clara	State/Foreign Country: California	Country of Citizenship: Portugal	
Post Office Address:	Post Office Address: 2250 Monroe Street, #235	City: Santa Clara	State/Country: California	Post Office Address: 95050
Full Name of Inventor 2:	Last Name: Donovan	First Name: Walter	Middle Name or Initial: E.	
Residence & Citizenship:	City: Saratoga	State/Foreign Country: California	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 14226 Sobey Road	City: Saratoga	State/Country: California	Postal Code: 95070

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 <hr/> Rui M. Bastos Date	Signature of Inventor 2  Walter E. Donovan Date 1/5/2003
--	--